

FIRE ALARM SYSTEM INSTALLATION

Application **MUST** include two sets of drawings and one set of cut sheets for all devices being proposed. Drawings must include the floor plan of all areas and floors of occupancy, be legible and clearly show the location of all proposed devices. A Zone Diagram shall be included with each drawing. A legend must be supplied on the drawing(s). Plans shall be stamped and signed by an Architect or Engineer.

The requirements of Southampton Town Code Chapter 85 "Alarm Systems" shall be applicable including the "False Fire Alarm" fee schedule.

All plans are to include a statement indicating "This installation is in accordance with NFPA 72 except as specifically noted on the installation plans."

Work shall not be started prior to the receipt of a permit/approval from the Department of Fire Prevention.

When making alterations to an existing fire alarm system (i.e. vacant strip store, building renovations), the sounding device shall maintain a distinctive sound throughout the building. If more than 50% of the alarm will be replaced, the renovation shall be subject to all requirements of a new installation.

In new construction of multi-occupancy commercial buildings, the entire building shall be equipped with one common fire alarm system. Each tenant occupancy shall be designed as a separate zone (or zones as appropriate) with one fire alarm panel located in accordance with the below requirements.

Fire alarm panel shall incorporate (where required) central station monitoring for Fire, Trouble and 24-hour dialer test.

All Central Station equipment shall be listed by Underwriters Laboratories or an equivalent testing agency. Transmitter devices shall be installed in strict compliance with NFPA 72. A primary telephone line must be dedicated to fire alarm. The secondary phone line may be shared phone line with a burglary system or an approved cellular phone, upon approval of the Department of Fire Prevention.

System shall have adequate power supply and battery back-up in accordance with NFPA 72 Chapter 2 –3. The Department of Fire Prevention may require battery calculations.

The fire alarm panel shall be clearly visible through a window or door, to facilitate the fire department's ability to locate appropriate zone. If this is not possible, a remote annunciator shall be so installed.

All fire alarm panels shall be clearly labeled showing zone descriptions/locations.

Each fire alarm panel **and** annunciator panel shall have the following warning placed on or adjacent to the panel; **WARNING: Do Not Reset Fire Alarm prior to arrival of Fire Department By Order of Southampton Town Fire Marshal**".

Alarm delay or pre-signal is not permitted unless specifically authorized in writing by the Town Fire Marshal and the Fire Chief.

Notification of FIRE signal shall be to the Fire Department's designee first. Following Fire Department notification, the central station may call the premises for additional information and/or notify emergency contact list for premises.

All concealed spaces such as attics, crawl spaces, dropped ceilings and stairwells in height shall be protected. Contact the Department of Fire Prevention for waiver if building is fully protected by an approved fire sprinkler system.

All wiring shall be listed by Underwriters Laboratories or an equivalent testing agency listed and approved for use with fire alarm systems.

Occupancies for pre-school children, physically handicapped or elderly (NYS occupancy classifications Group E and Group I) **shall be wired with CLASS A initiating circuits**.

For installations utilizing CLASS B initiating circuits, no more than 12 devices shall be on any one zone unless specifically approved by the Town Department of Fire Prevention. More than 12 devices shall be permitted if each device is addressable back to the control panel.

All building shall have an ***outside visual alarm*** signal that is visible from the roadway or fire department access road. An exterior horn/strobe shall be mounted on the front of the building at a point to be visible from the street. This device shall be in an approved exterior electrical box marked "FIRE". For multi-occupancy buildings, each tenant space shall have a separate outside strobe wired to indicate an alarm in that space (zone) only.

Fixed extinguishing systems shall be tied into the fire alarm system on a separate zone.

Sprinkler water flow and tamper alarms shall be monitored and supervised. Water flow shall be on a separate zone and transmitted to central station as a FIRE signal. A tamper indication shall be transmitted to central station as a TROUBLE signal.

HVAC shall be monitored with duct smoke detectors. Duct smoke detectors shall be installed on the supply side so as to be reasonably accessible for routine cleaning and maintenance.

HVAC control shall include a separate reset switch (either in or adjacent to the main fire control panel) to reset operation of the HVAC units independent from the fire alarm reset switch.

Contact Department of Fire Prevention at 702-2919 for specific requirements should Voice Evacuation System be required for occupancy.

Contact Department of Fire Prevention at 702-2919 with any questions or requests for deviations from above or deviations from NFPA 72.

Contact Department of Fire Prevention at 702-2919 at least three business days in advance to schedule appointment for final inspection. Final inspection will include: review of installation to approved plans and a random test of all system components. Installation shall not deviate from approved plans